Rules & Regulations of the STATE BOARD OF HEALTH REGARDING PUBLIC WATER SYSTEMS 1982

HEALTH SERVICES DIVISION & Water Supply & Waste Section

LD-11 Oympia: WA 98504 DSHS 22-67 (1/82)

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USEPA SF 1007281

the department within forty-eight hours after the results are known to the water purveyor.

- (iii) Compliance with the maximum contaminant levels for coliform bacteria shall be determined on the monthly mean or quarterly mean basis as specified in WAC 248-54-740(4)(b) including those samples taken as a result of failure to maintain the required chlorine residual level.
- (5) Inorganic chemicals
 - (a) The maximum contaminant levels for inorganic chemicals are as follows:

MAXIMUM CONTAMINANT LEVEL

Contaminant	Level (mg/l)
Arsenic	0.05
Barium	1.
Cadmium	0.010
Chromium	0.05
Fluoride	2.0
Lead	0.05
Mercury	0.002
Nitrate(as N)	10.
Selenium	0.01
Silver	0.05

- (b) Minimum analyses of raw water for inorganic chemicals are required as follows:
 - (i) Analyses for all Class 1 and 2 water systems utilizing surface water sources shall be completed by June, 1978.

 These analyses shall be repeated at yearly intervals.
 - (ii) Analyses for all Class 1 and 2 water systems utilizing only ground water sources shall be completed by June, 1979. These analyses shall be repeated at three—year intervals.
 - (iii) Nitrate analyses for Class 3 and 4 water systems, whether supplied by surface or ground water sources, shall be completed by June, 1979. These analyses shall be repeated at three-year intervals.
 - (iv) If it is anticipated that the levels of inorganic chemicals will change in the distribution system, or treatment processes then additional inorganic chemical sampling may be required by the department.
- (c) If the result of an analysis indicates that the level of any contaminant exceeds the maximum contaminant level, the



-20	

TO: Jerry Fairbanks, Manager, Seattle Solid Waste Utility

FROM: Wally Swofford, Coordinator, Solid Maste DATE: 10-17-30

Frogram

SUBJECT: NATIONAL CAN COMPANY: N.T. WASTE

This is to advise you that we find the coolent latte material from National Can Company currently acceptable for the coolent latter Midway site.

Specifications on the soluble of company were submitted by the Mobil Sil Company for review. The waste mathematical was dottomized not to meet the State DOE definition for extremely hazard waste contained not to meet the State hazardous waste.

WS:rb

cc: Betty Weiss, Hazardous Waste Region X, E.P.A. John Conroy, Hazardous Waste N.W. Office, D.O.E. Larry Kirchner, EHS Supervisor Southeast Service Center

MEMORANDUM DEPARTMENT OF PUBLIC HEALTH



TO: <u>Jerry Fairbanks, Manager, Seattle Solid Waste Utility</u> Program

Wally Swofford, Coordinator, Solid Waste DATE: 11-14-80 FROM:

SUBJECT: Waste Materials Cleared for Local Landfill

This is to advise you that we find the waste materials listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:

- 1. Puget Sound Freightlines, Re:
 - Seattle Jitney Shop 3720 Airport Way South
 - B. Seattle Truck Shop 7303-8th Ave. South
 - C. Terminal 7 3490 W. Marginal Way S.W.
- 2. Truck Service Inc. (TSI)

3. Lloyd Enterprises 4800 South 316th Street Auburn

Waste water from steam cleaning fork lift trucks... <u>Includes</u> - water, detergent, dirt, & small amount of grease/

Estimate approx. 400 gal. per month

Waste water from steam cleaning tractors and trailers. Includes - water, detergent, dirt & small amount of grease/ oil.

Estimate approx. 400 gal. every 2-4 weeks.

Waste water from steam cleaning fork lift trucks. <u>Includes</u> - water, detergent, dirt & small amount of grease/oil. Estimate approx. 400 gal. once every 3 months.

Waste water from tank used to trap water from steam cleaning of external parts of trucks and trailers. Includes - water, soap, dirt & what little grease/oil is washed off. Estimate 500 gal. per month.

Waste "sediment"/water from holding ponds at the Sea-Tac Mall. Includes - Mostly dirt, sand, a little water, and 0.60-0.70% oil/ grease.

Estimate approx. 1000 cubic yards. Holding ponds are only cleaned once every 4-5 years.

> RECEIVED NOV 14 1980 SOLID WASTE UTILITY

Memorandum

To: Jerry Fairbanks From: Wally Swofford November 14, 1980

Page Two

4. The Boeing Company, Re:

A. Paint "Sludge"

B. Plaster "Sludge"

Waste water/sludge from water-based spray paint booths.

Includes -<0.1 Cr,<0.1 Cu,<0.2 Ni,
5.0 Pb, 18.0 Zn,<0.1 Cd;
Is not flammable, explosive, or corrosive; Contains no monomers, polymers, polycylic aromatics or halogenated hydrocarbons.

Estimate approx. 8000 gal. per month.

Plaster casting residue from the 1702
Plant in Renton.

Includes - Plaster of paris and water;

Totally inorganic; Has

<0.2 Cr,<0.1 Cu,<0.2 Ni,

<0.2 Pb, 0.2 Zn and 0.0 Cd.
Estimate approx. 2000 gal. per month.

Specifications on these waste materials were submitted to us for review. The above substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:ma

cc: Betty Weiss, Hazardous Waste Region X. EPA

John Conroy, Hazardous Waste N.W. Office, DOE

Larry Kirchner, EHS Supervisor Southeast Service Center

Orv Berg Amalgamated Services, Inc.

Jerry Fairbanks, Manager

Seattle Solid Waste Utility

Wally Swofford, Coordinator

FROM: Solid Waste Program DATE: 12-3-80

SUBJECT: Waste Material Cleared for Local Landfill

This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Milway and Kent-Highlands:

1. Preservative Paint Company 5400 Airport Way South

Waste sediment, water from storm water catch basin sumps.

<u>Includes</u> - water, silt, sand, trace of oily residue. There are no paint processing wastes or sludges.

Amount - Approximately 500 gallons.

Frequency - Two or three times a year.

2. General Disposal Company

Waste sediment, water from yard catch basins and steam cleaning rack.

Includes - water, silt, sand, trace of oily residue.

Amount - Approximately 800 gallons.

Frequency - Every 3 months.

3. Harrisons and Crossfield (Pacific) Inc.

Benson Division 2450-8th Avenue South

Sweepings from residue left when rail cars are unloaded.

Includes - Only naturally occuring minerals which are excluded from TSCA reporting requirements: Material is a combination of Limestone (CaCO₃), Dolomite (MgCO₃), clay, and non-asbestos form of Talc.

Amount - Approximately 6-8 drums.

Frequency - Spring and Summer @ once per month. Fall and Winter @ once per two months.

Specification on these waste materials were submitted to us for review. The above substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weise, Hazardous Waste Region X, EPA

John Conroy, Hazardous Waste N.W. Office, DOE

Larry Kirchner, EHS Supervisor Southeast Service Center

RECEIVED
DEC 4 1980
SOLID WASTE UTILITY

SEATTLE-KING COUNTY DEPARTMENT OF PUBLIC HEALTH

TO:	Jerry Fairbanks, Manager, Seattle Solid Waste Utility
FROM:	Wally Swofford, Coordinator, Solid Waste DATE: 12-29-80 Program
	• Program
SI IR IECT.	WASTE MATERIAL CLEARED FOR LOCAL LANDFILL

This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:

1. Evergreen Industries, P.O. Box 142, Lynnwood, WA 98036

Waste coolant solution from the metal working operation

Includes - 94% water; 4.5% water soluble cutting oil;
1.5% (Rust Preventive+ Biodegradable Bactericide
+ Alkali sump cleaner, + misc. lubricating oils).

Note: Heavy Metals - None
Polycyclic Aromatics - None
Halogenated Hydrocarbons - "Aliphatic" chlorinated
paraffin compound, 0.29%

Amount - approx. 2,000 gallons
Frequency - Every 4 weeks

- 2. Seattle City Light, Paint Shop, 3613 4th Ave. So., Bldg. "B", Seattle 98134
 - A. Vacter truck waste collected from yard catch basins, vehicle wash sump and power vaults which use no PCB's.

Includes - Water, residue oil, sand, rocks, paper, rags, etc.

Amount - Approx. 2,125 gallons (to be diluted with the waste volume from B (1,110 gallons) for a total volume of 3,235 gallons

Frequency - Every 1 1/2 - 2 weeks

- B. Overspray waste water from paint booth.
 - Includes Water; deflocculating agent (spent NaOH & KOH @ 10 gallons per month); Pigments: Titanium Dioxide @ approx. 15 ppm,
 Barium Metaborate (Ba @ ≤ 22 ppm) and Aluminum/Sodium silicates @ 10 ppm; Aromatic Hydrocarbons @ approx. 65 ppm; and Linseed Alkyd Varnish residue @ approx. 27 ppm.

Amount - Approx. 1,110 gallons (to be diluted with the waste volume from A (2,125 gallons)).

Frequency - Same as (A).

3. Dan's Market, Inc., 3922 6th Ave. So., Seattle, WA

Biodegradable, detergent (Foamade) for cleaning floors. Was a powder that absorbed moisture making it solid, unusable.

<u>Includes</u> - Detergent, trace of foam controlling agents

Amount - Approx. 3,500 lbs.

Frequency - One time only disposal

Memorandum to Jerry Fairbanks Page 2 December 29, 1980

4. Chemprocessors/The Boeing Company

In our 11/14/80 memo (item 4) we referenced some paint and plaster sludge waste from The Boeing Company as approved for disposal. Be advised that the generator should have been listed as Chemprocessors and not The Boeing Company. The specifications presented and approved concerned Boeing's two wastes following treatment at the Chemprocessors in Georgetown. Please note this correction for any future requests for disposal.

Specifications on these waste materials were submitted to us for review. The above substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:rb



TO:	Jerry Fairbanks, Manager, Seattle Solid Waste Utility
	Wally Swofford, Coordinator, Solid Waste DATE: 1-27-81
FROM:	Wally Swofford, Coordinator, Solid Waste DATE: 1-27-81
	Program
SUB IECT:	WASTE MATERIAL CLEARED FOR LOCAL LANDFILL

This is to advise you that we find the waste material listed from the following company currently acceptable for landfill at Midway and Kent-Highlands:

1. ENVIRONMENTAL EMERGENCY SERVICES, 127 South River Street, Seattle 98108

Material - Solidified polyurethane foam

Includes - Reactant material from the 1:1 combination of Diphenylmethane - 4.4' - Diisocyanate with Polyethylene Glycol.

Amount - Approximately 44 - 55 gallon drums

Frequency - Once only disposal

Specifications on this waste material was submitted to us for review. The above substance was found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is only the above described waste material that is approved for disposal. Any other type of "questionable" waste from this company will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:rb

Att. cc: Betty Weise, Hazardous Waste Region X, EPA John Conroy, Hazardous Waste Northwest Office, DOE Neil Myers' **Environmental Emergency Services** Larry Kirchner, EHS Supervisor Southeast Service Center

DEPARTMENT OF PUBLIC HEALTH



Jerry Fairbanks, Manager

Seattle Solid Waste Utility

Dick Southworth, Manager King County Solid Waste Division

Wally Swofford, Coordinator, Program

DATE: 10-28-80

SUBJECT: Waste Materials Cleared for Local Landfill

This is to advise you that we find the waste materials listed from the following companies currently acceptable for landfill at Midway and Cedar Hills:

1. Westinghouse Electric Corp.
10331 E. Marginal Way S.
Seattle

Waste water accumulated from the steam cleaning of electric motors.

Includes - 0.01% steam clean scap traces of grease & oil 99.8(+) water

Estimate approx. 3500 gallons per week.

2. 8.P. Kirk Company Fuyallup, WA

FROM:

Waste water accumulated from the rinsing of preserved and colored plants.

Note - Use FDA approved, non-toxic dyes as
found in food and home products e.g.

Rhodamine, Blue 2G, Brown Crysoidine ME 0.01% polyethylene glycol (not on EPA 1657 99.8(±)% water

Estimate approx. 2500 gallons per week

3. <u>Automotive Steam Cleaners and Undercoaters</u>
3231-4th Avenue South Scattle

Waste water and residue accumulated from high pressure washing of vahicles (as in car washes) Includes - Water

Detergent Dirt. sand

Trace amounts of oil and grease Estimate approx. 4500-7000 gallons pumped once per year.

Each commany submitted specifications on their waste materials for review. The above substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Flesse note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2123

WS:mg

cc: Betty Weiss, Hazardous Waste Region X, EPA

John Conroy, Hazardous Waste N.W. Office, DOE

Larry Kirchner, EHS Supervisor Southeast Service Center

Orv Berg Amaigamated Services, Inc.

DEPARTMENT OF PUBLIC HEALTH



TO: Jerry Fairbanks, Manager, Seattle Solid Waste Utility

Program

FROM: Wally Swofford, Coordinator, Solid Waste DATE: 11-14-80

SUBJECT: Waste Materials Cleared for Local Landfill

This is to advise you that we find the waste materials listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:

- 1. Puget Sound Freightlines, Re:
 - A. Seattle Jitney Shop 3720 Airport Way South
 - E. Seattle Truck Snop 7303-8th Ave. South
 - Terminal 7 3490 W. Marginal Way S.W.
- 2. Truck Service Inc. (TSI)

3 <u>Lloyd Enterprises</u> 4800 South 316th Street Auburn Waste water from steam cleaning fork lift trucks.

Includes - water, detergent, dirt,
 & small amount of grease/
 oil.

Estimate approx. 400 gal. per month

Waste water from steam cleaning tractors and trailers.

Includes - water, detergent, dirt & small amount of grease/oil.

Estimate approx. 400 gal. every 2-4 weeks.

Waste water from steam cleaning for: lift trucks.

Includes - water, detergent, dirt s small amount of grease/oil. Estimate approx. 400 gal. once every

3 months.

Waste water from tank used to trap water from steam cleaning of external parts of trucks and trailers.

Includes - water, soap, dirt & what

Estimate 500 gal. per month.

Waste "sediment"/water from holding ponds at the Sea-Tac Mall.

Includes - Mostly dirt, sand, a little

water, and 0.60-0.70% oil/ grease.

Estimate approx. 1000 cubic yards. Holding ponds are only cleaned once every 4-5 years.

Memorandum

To: Jerry Fairbanks From: Wally Swofford November 14, 1980

Page Two

- The Boeing Company, Re:
 - A. Paint "Sludge"

Plaster "Sludge"

Waste water/sludge from water-based spray paint booths. Includes -<0.1 Cr,<0.1 Cu,<0.2 Ni, 5.0 Pb, 18.0 Zn, 0.1 Cd; Is not flammable, explosive, or corrosive: Contains no monomers, polymers,

polycylic aromatics or halogenated hydrocarbons.

Estimate approx. 8000 gal. per month.

Plaster casting residue from the 1702 Plant in Renton.

Includes - Plaster of paris and water; Totally inorganic; Has <0.2 Cr,<0.1 Cu,<0.2 Ni,</pre> < 0.2 Pb, 0.2 Zn and 0.0 Cd. Estimate approx. 2000 gal. per month.

Specifications on these waste materials were submitted to us for review. The above substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is only the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weiss, Hazardous Waste Region X, EPA

> John Conroy, Hazardous Waste N.W. Office, DOE

Larry Kirchner, EHS Supervisor Southeast Service Center

Orv Bera Amalgamated Services, Inc.

SEATTLE-KING COUNTY Y

SKC

Jerry Fairbanks, Manager
TO: ... Seattle Solid Waste Utility

Wb Wally Swofford, Coordinator

FROM: Solid Waste Program

DATE: 11-17-80

SUBJECT: Waste Materials Cleared for Local Landfill

This is to advise you that we find the waste material listed from the following company <u>currently</u> acceptable for landfill at Midway and Kent-Highlands:

Northwest Cooperage, Inc.

7152-1st Avenue South

Accumulated waste and sludge separated from barrel washing operation,

Includes: Water, dirt, detergent, petroleum residues; pH @ 9.5; no flash point;
not ignitable; heavy metals as follows (ppm) -

As-0.003, Ba < 0.05, Cd < 0.002, Pb-0.55, Hg-0.003,

Se <0.002, Ag <0.002; Polycyclic Aromaties <1.0% Chlorinated Hydrocarbons <1.0%

Estimate approximately 15,000 gallons for one time disposal 11/18/80

Laboratory specifications on this waste material were submitted to us for review. The above substance was found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that the above described waste material is approved for a one-time disposal. Any other waste accumulations will require a separate analysis and review.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weiss, Hazardous Waste Region X, EPA

John Conroy, Hazardous Waste N.W. Office, DOE

Larry Kirchner, EHS Supervisor Southeast Service Center

Herman Trotsky Northwest Cooperage Company, Inc.

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SOLID WASTE UTILITY

DEPARTMENT OF PUBLIC HEALTH



TO:1	Jerry Fairbanks, Manager Seattle Solid Waste Utility	
WB	Wally Swofford, Coordinator	
FROM:		12-3-80

SUBJECT: Waste Material Cleared for Local Landfill

This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Milway and Kent-Highlands:

1. Preservative Paint Company 5400 Airport Way South

Waste sediment, water from storm water catch basin sumps.

<u>Includes</u> - water, silt, sand, trace of oily residue. There are no paint processing wastes or sludges.

Amount - Approximately 500 gallons.

Frequency - Two or three times a year.

2. General Disposal Company

Waste sediment, water from yard catch basins and steam cleaning rack.

Includes - water, silt, sand, trace of oily residue.

Amount - Approximately 800 gallons.

Frequency - Every 3 months.

3. Harrisons and Crossfield (Pacific) Inc.

Benson Division

2450-8th Avenue South

Sweepings from residue left when rail cars are unloaded.

- Only naturally occurring minerals which are excluded from TS14 reporting requirements: Material is a combination of Limestine (CaCO₃), Dolomite (MgCO₃), clay, and non-asbestos form of Tail

Amount - Approximately 6-8 drums.

Frequency - Spring and Summer @ once per month. Fall and Winter @ once per two months.

Specification on these waste materials were submitted to us for review. Transverse substances were found not to meet the State DOE definition for extremal hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weise, Hazardous Waste Region X, EPA

John Conroy, Hazardous Waste N.W. Office, DOE

Larry Kirchner, EHS Supervisor Southeast Service Center



TO: Jerry Fairbanks, Manager, Seattle Solid Waste Utility	
FROM: Wally Swofford, Coordinator, Solid Waste DATE: 12-29-80	
Program SUBJECT: WASTE MATERIAL CLEARED FOR LOCAL LANDFILL	
This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands: ACTION	INITL
1. Evergreen Industries, P.O. Box 142, Lynnwood, WA 98036	
Waste coolant solution from the metal working operation	
Includes - 94% water; 4.5% water soluble cutting oil; 1.5% (Rust Preventive+ Biodegradable Bactericide + Alkali sump cleaner, + misc. lubricating oils).	BE -
Note: Heavy Metals - None Polycyclic Aromatics - None Halogenated Hydrocarbons - "Aliphatic" chlorinated paraffin compound, 0.29%	
Amount - approx. 2,000 gallons	
<u>Frequency</u> - Every 4 weeks	
2. <u>Seattle City Light</u> , Paint Shop, 3613 4th Ave. So., Bldg. "B", Seattle 98134	
A. Vacter truck waste collected from yard catch basins, vehicle wash sump and power vaults - which use no PCB's.	
<pre>Includes - Water, residue oil, sand, rocks, paper, rags, etc.</pre>	
Amount - Approx. 2,125 gallons (to be diluted with the waste volume from B (1,110 gallons) for a total volume of 3,235 gallons	
Frequency - Every 1 1/2 - 2 weeks	
B. Overspray waste water from paint booth.	٠
Includes - Water; deflocculating agent (spent NaOH & KOH @ 10 gallons per month); Pigments: Titanium Dioxide @ approx. 15 ppm, Barium Metaborate (Ba @ ≤ 22 ppm) and Aluminum/Sodium silicat @ 10 ppm; Aromatic Hydrocarbons @ approx. 65 ppm; and Linseed Alkyd Varnish residue @ approx. 27 ppm.	es _.
Amount - Approx. 1,110 gallons (to be diluted with the waste volume from A (2,125 gallons)).	
Frequency - Same as (A).	
Biodegradable, detergent (Foamade) for cleaning floors. Was a powder that absorbed moisture making it solid, unusable.	
Includes - Detergent, trace of foam controlling agents	
Amount - Approx. 3,500 lbs.	
Fracuency - One time only disposal	

Memorandum to Jerry Fairbanks Page 2 December 29, 1980

4. Chemprocessors/The Boeing Company

In our 11/14/80 memo (item 4) we referenced some paint and plaster sludge waste from The Boeing Company as approved for disposal. Be advised that the generator should have been listed as Chemprocessors and not The Boeing Company. The specifications presented and approved concerned Boeing's two wastes following treatment at the Chemprocessors in Georgetown. Please note this correction for any future requests for disposal.

Specifications on these waste materials were submitted to us for review. The above_substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:rb

cc: Betty Weise
Hazardous Waste, Region X, EPA
John Conroy
Hazardous Waste, N.W. Office, DOE
Larry Kirchner
EHS Supervisor

SEATTLE-KING COUNTY DEPARTMENT OF PUBLIC HEALTH

TO:	Jerry Fairbanks	. Manager. Se	attle Solid Wa	ste Utilit	ν
FROM:	Wally Shofford,	Coordinator,	Solid Waste	DATE:	1-19-81
ammilia a Maria da da j	5.		Progra	m	

SUBJECT: WASTE MATERIAL CLEARED FOR LOCAL LANDFILL

This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:

- 1. Reynolds Aluminum Can Division, 27402 72nd Ave. South, Kent
 - <u>Material</u> Waste coolant from can manufacturing operation diluted with waste water from equipment and floor washing.
 - Includes Water (90%); Lubricant of alcohols, fatty acids, triethanolamine, Amine Borate, and Benzoic acid derivative (10%); and Biodegradable Bactericide (60 ppm); Halogenated Hydrocarbons 0; Polycyclic aromatic hydrocarbons 0; non reactive, ignitable, corrosive, EP Toxic or Acutely Toxic.
 - Amount Approximately 2,500 gallons

Frequency - Weekly

- 2. Pacific Putty, Company, 475 Elliott Avenue W., Seattle
 - <u>Material</u> Waste wood sash and metal sash putty Caulking compound, polyurethane sealant, and wash tank sludge.
 - Includes Polyurethane Sealant of castor oil polyols with Zinc Oxide and plaster of paris fillers (33%); sludge consisting of old caulking/glazing compound containing CaCO3, talc, vegetable oils, butyl rubber, latex, and trace of stove oil (38%); and hardened, non-useable wood sash/metal sash compound containing CaCO3, talc, vegetable oil, and mineral spirits (29%); is non reactive, ignitable, corrosive, EP Toxic or Acutely Toxic.

Amount - Approximately 1,400 lbs.

Frequency - One time disposal. Closing business.

- 3. The Boeing Company, P.O. Box 3707, Seattle 98124
 - <u>Material</u> Solidified methacrylate casting sealant
 - Includes Polyfunctional Methacrylate (Ultaseal PC504) in 55 gallon drums, pretreated with heat to solidify the material. The waste is similar in composition to plexiglass; traces of organic hydroperoxide and methyl chloroform; non reactive, ignitable, corrosive, EP Toxic or Acutely Toxic.

Amount - 7-8 55 gallon drums (400 lbs.)

Frequency - At most, once per year.

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Memorandum to Jerry Fairbanks Page 2 January 19, 1981

4. Northwest Cooperage, 7152 1st Avenue S., Seattle 98108

Material - Accumulated waste and sludge from drum cleaning operation

As - 0.003, Ba < 0.05, Cd < 0.002, Pb < 0.55, Hg - 0.003, Se < 0.002, Ag < 0.002, Total Cr < 0.02, Endrin, Lindane, Methoxychlor, Toxophene, 2,4D, and 2,4,5-TP all non detectable; other halogenated hydrocrabons @ 0.0; PCB's - 0.0; polycyclic aromatic hydrocrabons well below 1% (1-500 ppm).

Amount - Approximately 1,500-2,000 gallons

Frequency - Monthly

- 5. <u>Crosby & Overton</u> 3406 13th Ave. S.W., Seattle 98134
 - A. <u>Material</u> Sludge from bottom of Tank #36 in the Quendall Terminal Tank Farm.
 - Includes Water, dirt, petroleum residues; non reactive, ignitable, corrosive, or Acutely Toxic; no polycyclic aromatic hydrocarbons; PCB's <1 ppm; other halogenated hydrocarbons @ 0.0; heavy metal concentrations as follows (ppm):

As - < 1.0, Ba < 1.0, Cd < 0.05, Lead - 4.5, Hg < 0.2, Se < 1.0, Ag < 1.0, Ni < 0.3, Cu < 0.2, and Zn - 55.

Amount - 225 drums (or equivalent in other containment)

Frequency - One time only.

- B. <u>Material</u> Solidified Urea Formaldehyde Resin from the bilge of a container ship.
 - Includes Strictly Urea formaldehyde resin set up as a solid; <u>non</u> ignitable, corrosive, reactive, Acutely Toxic or EP Toxic; No polycyclic aromatic or halogenated hydrocarbons.

Amount - 10 drums

Frequency - Once only disposal.

Specifications on these waste materials were submitted to us for review. The <u>above</u> <u>substances</u> were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125. WS:rb

cc: Betty Weise, Hazardous Waste Region X, EPA John Conroy, Hazardous Waste Northwest Office, DOE Larry Kirchner, EHS Supervisor Southeast Service Center



TO:	Jerry Fairbanks, Manager, Seattle Solid Waste Utility
FROM:	Wally Swofford, Coordinator, Solid Waste DATE: 1-27-81
PROM	Program
SUB IECT:	WASTE MATERIAL CLEARED FOR LOCAL LANDFILL

This is to advise you that we find the waste material listed from the following company currently acceptable for landfill at Midway and Kent-Highlands:

1. ENVIRONMENTAL EMERGENCY SERVICES, 127 South River Street, Seattle 98108

Material - Solidified polyurethane foam

Includes - Reactant material from the 1:1 combination of Diphenylmethane - 4,4' - Diisocyanate with Polyethylene Glycol.

Amount - Approximately 44 - 55 gallon drums

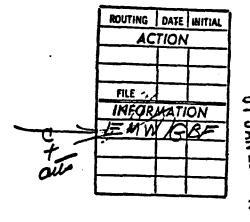
Frequency - Once only disposal

Specifications on this waste material was submitted to us for review. The <u>above</u> <u>substance</u> was found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste material that is approved for disposal. Any other type of "questionable" waste from this company will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:rb
Att.
cc: Betty Weise, Hazardous Waste
Region X, EPA
John Conroy, Hazardous Waste
Northwest Office, DOE
Neil Myers'
Environmental Emergency Services
Larry Kirchner, EHS Supervisor
Southeast Service Center



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JAN 29 1981

SOLID WASTE UTILITY



Ť	D: <u>Jerry Fairbank</u>	s. Manager. Seattle S	nlid Waste Utility		RECEIVED
SU	ROM: Wally Swofford JBJECT: WASTE MATERIAL		Program	Suc	OPER S 1981 OPER WASTE UTILITY
	eptable for landfill at	Midway and Kent-Highl	ands:	_	_
	Company	<u>Material</u>	<u>Includes</u>	Amount	Frequency
1.	LIQUID WASTE DISPOSAL Jack Pinchev P.O. Box 3821 Seattle, 98124 Hauling for				
	A. BETHLEHEM STEEL Pacific Coast Div. C 3827 Seattle 98124	Floor sweepings, ventilation duct soil residue	Rags, paper, styrofoam cups, old gloves, dirt, sand, grease residue; grease material is "Lubriplate", made up of a calcium soap with mineral oil and zinc oxide; Non ignitable, reactive, corrosive, or acutely toxic; No heavy metals, halogenated hydrocarbons or polycyclic aromatic hydrocarbons.	Approx. 50 "paper" drums (55 gallon	
2.	AMALGAMATED SERVICES Orv Berg 21318 103rd Place S.E. Kent 98031 Hauling for				•
	A. MONITOR MOLDED PRODUCTS 9350 47th Ave. S.W. P.O. Box 990057 Tacoma, 98499	Spray paint booth sludge and waste water	Water; water-base paint overspray as sludge; Non ignitable, reactive, corrosive, or acutely toxic; EP toxicity as follows (ppm) - As < 1.0, Ba < 1.0, Cd < 0.05, Cr < 1.0, Pb < 0.2, Hg < 0.2, Se < 1.0, Ag < 1.0; No halogenated or polycyclic aromatic hydrocarbons	1,500 gal	lons Every 2 to 4 weeks

•	Company	Material	Includes	Amount	Frequency
В.	KIRK COMPANY P.O. Box 340 Puyallup 98371	Waste water from the steam cleaning of drained paint dip tanks	Non ignitable, reactive, corrosive,	Approx. 1,000 gallons	Every 4-6 weeks
C.	P.O. Box 937 Ferndale 98248	Spent coolant with steam cleaning waste water	Water (90%); spent coolant waste (1%); dirt-sand (8+%); traces lubricating oil; Non ignitable, reactive, corrosive, or acutely toxic; No heavy metals, halogenated hydrocarbons, or polycyclic aromatic hydrocarbons; Coolant has sligh residue of mineral oil, fatty acids, petroleum sulfonate, salt, fatty alkanol polyol-o-phenylphenol, glycol ether and w	amide,	Every 4-6 weeks
D.	K-2 SKI COMPANY, INC. P.O. Box 509 Vashon 98070	Steel dust fines, fibreglas & polyethylene sanding residue fines and coolant residue from ski manufacturing process - waste sump.	Nater (95%); Spent Coolant (4%); dust fines (1%); Non ignitable, reactive, corrosive or acutely toxic; No heavy metals, halogenated hydrocarbons or polycyclic aromatic hydrocarbons; waste product has 0.6% NaNO3 and 0.2% ethylene glycol from spent coolant.	Approx. 800 gallons	Monthly
E.	ELDEC CORPORATION (Airc	raft Electronics Sub C	ontractor)		
	16700 13th Ave. West P.O. Box 100 Lynnwood 98036	Aluminum cutting coolant from metal shop	Water - 95%; Mineral Oil - 3.8%; Anionic Emulsifier - 0.5%; non-ionic soaps - 0.3%; coupling agents - 0.3%; preservative (o-phenylphenol) - 0.1%; Non ignitable, reactive, corrosive, or acutely toxic; No heavy metals, polycyclic aromatic compounds or halogenated hydrocarbons.	Approx. 1,100 gallons	Every 6 weeks

Memorandum to Jerry Fairbanks Page 3 March 2, 1981

	Company	<u>Material</u>	<u>Includes</u>	Amount	Frequency
3.	PACIFIC PUTTY COMPANY 475 Elliott Ave. West Seattle 98119	Old putty scraped/ swept from floor in permanently closed Seattle plant.	Dirt/sand (32%); old wood & metal sash putty (66%); Lithopone (2%); Non ignitable, reactive, corrosive, or acutely toxic; Negative heavy metals except barium - content from Lithopone @ 0.6% in total waste (Exempted from EPA EP toxic standard because of small quantity generator); No polycyclic aromatic or halogenated hydrocarbons; putty consists of CaCO ₃ , tavegetable oil, and mineral spirits (most which has evaporated).		One time only
4.	NORTHWEST COOPERAGE 7152 1st Avenue South Seattle 98108	"Typical" sludge sample from barrel washing operation.	Water $(50\%+)$; dirt, sand, spent NaOH (as detergent), waste in <u>non</u> ignitable, corrosive, reactive or acutely toxic; EP toxicity as follows (ppm) - As @ 0.003, Ba < 0.05, Cd < 0.002, Pb @ 0.55, Hg @ 0.003, Se < 0.002, Ag < 0.002, Cr < 0.002, Methoxychlor < 1.6 Endrin < 0.02, Lindane < 0.2, Toxaphene < 2.4D < 1.5, and 2.4.5-TP < 0.2; PCB's - ndetected (Arochlor 1242, 1254, 1260, 1248 & 1016) with LLD = 1 mg/Kg; A GC/MS scan showed numerous polycyclic aromatic hydrocarbons between 1-10 ppm;	0.5, one	Monthly

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:rb

cc: Betty Weise, Hazardous Waste, Region X, EPA
John Conroy, Hazardous Waste, Northwest Office, DOE
Larry Kirchner, EHS Supervisor, Southeast Service Center



SEATTLE ENG. DEPT.

	·		The Life, Di	eri.
4	. Acting Manager, S L.S . Coordinator, Soli	d Waste DATE: 6-22-81 Program	81 JUN 24 A 8:	54
SUBJECT: NASTE MATERIAL	CLEARED FOR LOCAL	LANDFILL	•	
This is to advise you that acceptable for landfill at		naterial listed from the following com ghlands:	panies currently	
COMPANY	MATERIAL	<u>INCLUDES</u>	AMOUNT	FREQUENCY
1. AMALGAMATED SERVICES Orv Berg 21318 103rd Place S.E. Kent, WA 98031		•		
Hauling for				
A. TIKI CAR WASH 11671 S.E. 1st St. Suite 302 Bellevue, WA 98005	Accumulated debris from clarifier sump	Water, mud, detergent, sand, and traces of automotive oil; Non ignitable, reactive, corrosive, or acutely toxic; No heavy metals, halogenated hydrocarbons (HH) or polycylic aromatic hydrocarbons (PAH)	2,000 gallons	Every 4 to (months
B. PETE'S TOWING SERVIC 21841 Pacific Hwy. S Midway, WA 98031		Water, caustic soda residue, phosphates, amines, non-ionic sufactant; Non ignitable, reactive, corrosive, or acutely toxic; No heavy metals, HH or PAH.	250 gallons	Once per year
		up and diluted with the waste volume at was previously approved by memo on		
C. SOUTH SEATTLE AUTO AUCTION, INC. 19443 76th Ave. S. Kent, WA 98031	Clarifier waste from the car wash, steam shack area, and mechanics' shop	Water, detergent, sand, mud, and traces of automotive oil; Non ignitable, reactive, corrosive or acutely toxic; No heavy metals, HH or PAH.		Every 6 months
•	areas		e a e e e e e e e e e e e e e e e e e e	CEIVED

CUM 24 1981 SOLID WASTE UTILITY Memorandum to Doyle Anderson Page 2 June 22, 1981

	COMPANY	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
2.	LIQUID WASTE DISPOSAL Jack Pinchey P.O. Box 3821 Seattle, WA 98124		•		
	Hauling for	·			
	A. CONTAINER CORPORATION OF AMERICA 7000 South 143rd St. Renton, WA 98055	Printing press wash water waste remaining after separation of ignitables - pumped out of underground holding tank.	Water (98%); Residue film of aliphatic hydrocarbon solvent (<1.0%; Residue of glycol ether (<1.0%); Residue of printer's ink and soil/grit (<1.0%); Non ignitable, reactive, corrosive, or acutely toxic; EP Toxicity as follows (ppm) - As <0.01, Ba <0.5, Cd <0.02, Total Cr <0.02 Total Cr <0.1, Pb 0.3, Hg < 0.005, Se < 0.03, Ag < 0.1, and Hexavalent, Cr @ 0.03; No HH or PAH.	Approx 1,500 gal	Every 2 weeks.
3.	REDFORD ROOTER 11000 Sulvan Street Tacoma, WA 98444		•		
	Hauling for		·		
	A. GREYHOUND MAINTENANCE SHOP 1250 Denny Way Seattle, WA 98109	Waste material pumped from six yard catch basins.	Water (80%); sand, silt, rags, metal and residue of automotive oil (20%); Non ignitable, reactive, corrosive, or acutely toxic; No significant heavy metals; No HH or PAH.	Approx 4,000 gal	3 Times a year

Memorandum to Doyle Anderson Page 3 June 22, 1981

June 22, 1981	•		•	
COMPANY	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
4. HULLIN FEDERAL TRANSFER 270 South Hanford Street Seattle, WA 98134	Waste intra-venous solution.	Water 95%; glucose 5%	2,000 Ampules	One Time Only
5. NATIONAL CAN CORPORATION 1220 North 2nd Avenue Kent, WA 98031	Waste generated from clean-up of the "inside" spray process (activity spraying the inside of beer and beverage containers).	Cans, rags and paper (60%); Inside epoxy/amino spray material (15%) - containing cellusolve acetate, ethyl cellusolve, xylol, butyl cellosolve, isopropyl alcohol, MEK, MIBK & MAA - FDA approved; Mobile grease #2 (\(\leq 25\%\)) - containing mineral oil (90%), lithium stearate soap (9%) & antioxidants/rust inhibitors, etc. (1% total).	13-30 55 gallon drums	Every 6 months
6. CROSBY & OVERTON, INC. 20245 - 76th Ave. S. Kent, WA 98031	•			
A. CHEVRON USA, INC. P.O. Box 125 Richmond Beach,	Waste material from Tanks <u>#115</u> & <u>#99</u>	These waste materials are chemically and physically the same and are composed of	5 cubic yds. - Tank #115	One Time Only
WA 98160		the following: Iron Oxide, dirt, solidified roofing asphalt; Non ignitable	50 cubic yards - Tank #99	One Time Only
	,	(f.p. @ 315 F), reactive, corrosive, or acutely toxic; E.P. Toxicity (ppm) - As		
		<pre><0.5, Ba < 0.5, Cd < 0.02, total Cr < 0.1, Pb < 1.0, Hg <0.001, Se @ 0.5, and Ag</pre>		
•		<pre><0.07; PAH (fluoranthere, anthracene, pyrene, 1,2- benzathracene & 3,4-benz-</pre>		
		pyrene) less than 100 ppm; phenols @ 8.3 micrograms/ gram (0.83%) PCB's 2.5 micrograms/gram (0.25%) <u>No</u>		
•	,	other IIH.		

Memorandum to Doyle Anderson Page 4 June 22, 1981

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weise, Hazardous Waste, Region X, EPA
John Conroy, Hazardous Waste, Northwest Office, DOE
Larry Kirchner, EHS Supervisor, Southeast Service Center

-/m Foryour file-

SEATTLE-KING COUNTY DEPARTMENT OF PUBLIC HEALTH

TO:	Jack Palme	r, Acting	Manager,	Seattle	Solid k	laste Util	lity

W&Wally Swofford, Coordinator, Toxic/Hazardous Materials Program

DATE: 7-15-82

SUBJECT: WASTE MATERIAL CLEARED FOR LOCAL LANDFILL

This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:

COMPANY

MATERIAL

INCLUDES

AMOUNT

FREQUENCY

CROSBY & OVERTON, INC. 20245-76th Ave. South Kent. WA 98031

Contact: Steve Karich

583-0060

Hauling for -

CHEVRON INC:

P.O. Box 125 Richmond Beach, WA 98160

Contact: Lloyd Heinz

542-2131

Combined carbonaceous bottom sediment (dry) from storage tanks No's 90 & 99

Iron scale, dirt, asphalt-like sediment; Non-ignitable, reactive, corrosive, or acutely toxic; Not listed, persistent, toxic, or carcinogenic; 4-5 & 6 ringed polycyclic aromatic hydrocarbons as follows: anthracene, 1, 2 benzanthracene, benzo(a) pyrene, fluoranthene, napthanlene, perylene, and pyrene each at less than 50 ppm; halogenated hydrocarbons <0.01%; heavy metal EP toxicity analysis as follows (ppm): As <0.5, Ba <0.5, Cd <0.02, Cr

Note: Verbally approved for disposal 7/13/82, following consultation with John Conroy, NW Office DOE

(total) < 0.1, Pb < 1.0, Hq < 0.001,

Se 0.5, Ag < 0.07.

Approx. 20 cubic yards

One-time only

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JUL 1 6 1982

SOLID WASTE UTILITY

Memorandum - July 15, 1982

To: Jack Palmer

From: Wally Swofford

Page Two

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definitions for either extremely hazardous or dangerous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of questionable waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weise, Hazardous Waste, Region X, EPA
John Conroy, Hazardous Waste, Northwest Office, DOE
Larry Kirchner, EHS Supervisor, SE Office

TO: Doyle And	erson, Acting Manager, Se	eattle Solid Waste Utility				
FROM: WWW Wally Swot	ford, Coordinator, Solid	Waste DATE: 7/29/81 Program				
SUBJECT: WASTE MATE	RIAL CLEARED FOR LOCAL L	ANDFILL				
	hat we find the waste ma at Midway and Kent-High	terial listed from the following comp lands:	manies currently	y		
COMPANY	MATERIAL	INCLUDES	AMOUNT	,	FREQUE	NCY
AMALGAMATED SERVICES Orv Berg 21318-103rd Pl. S.E. Kent, WA 98031						
Hauling for	;,		·			
PLYCAP AMERICA, INC. 2831-152nd N.E. Redmond, WA 98052 883-7100	Waste water from floor cleaning and vat washing operation.	Water (95%); Solids - polyvinyl acrylate (3%), cellulose stabilizer - anionic surfactant - non-ionic nonyl phenol residue - mercuric acetate residue (2%); Non-ignitable, reactive, corrosive	Approx. 2000 gal. per mo. during peak season (April-Sept)	2.	Month betwee April Sept.	en -
		or acutely toxic; EP Toxicity as follows (ppm) - As < 0.01, Ba < 0.07, Cd 0.01, total Cr 0.04, Pb 0.06, Hg < 0.005, Se < 0.01, and Ag 0.00; No halogenated hydrocarbons or polycyclic	initial shipment @ 4500 gal. because of current acumulation.	. 	months betwee Octobe March	s en er -
WS:mg		aromatic hydrocarbons.	•	•	81 JUL 30	ور در
John Conroy, Hazar	dous Waste, Region X, EP dous Waste, NW Office, D S Supervisor, SE Service	OE .	,			
. •	,	JUL 30 1981				ENG, DEPI

Doyle Anderson, Acting Manager, Seattle Solid Waste Utility Wally Swofford, Coordinator, Joxic/Hazardous Materials Program DATE: 9-15-81

	OWI			·	
	JBJECT: <u>Waste Material C</u> i			_	
Thi	s is to advise you that we eptable for landfill at Mic	find the waste mater lway and Kent-Highlan	ial listed from the following companied ds:	s currently	
	COMPANY	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
1.	WIDING TRANSPORTATION, INC Midway Terminal 24300 Pacific Hwy. So. Kent, WA 98031 Contact: Rod Whiting	C. Dried sediment from truck wash water holding pond.	Sand; soil; detergent residue; alkaline and acid salt residues; no petroleum products; no halogenated hydrocarbons; waste sediment tested and cleared for disposal by the State DOE; Non-ignitable, reactive, corrosive, or acutely toxic.	8-10 truck loads	One-time only
2.	ERNEST GRICE & SONS 35023 16th Ave. S. Federal Way, WA 98003 Hauling For A. KIEWIT-GRICE (Prime Contractors for West Seattle Bridge Project) 1043 S.W. Manning St. Seattle, WA 98134 Contact: John Armstrong 764-3625	Dredging material from East Waterway sediment as associated with the West Seattle Bridge Project	Sand; soil; water; polycyclic aromatic hydrocarbons < 1.0%; halogenated hydrocarbons < 1.0%; (average PCB level in 5 recent samples @ 2.2 ppm (range 0.7-5.9 ppm)); Non-ignitable, reactive, corrosive, or acutely toxic Heavy metals as follows - As 7.5 ppb, Ba 67.0 ppm, Cd 0.5 ppb, total Cr 0.3 ppb, Pb 10.0 ppb, Hg < 0.4 ppb, Se 15. ppm, and Ag 1.0 ppm. NOTE: The level indicated above represent the total concentration of metals, NOT the EP toxicity (extraction levels). Based on consultation with the St. Dept of Ecology, if the waste were to undergo the extraction (EP) toxicity test, th selenium level (15.0 ppm) would most assuredly be well below the 1.0 ppm mimum allowable concentration.	0 s	One-time only

Seattle Solid Waste Utility Page 2 September 15, 1981

	COMPANY	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
3.	NORTHWEST TANK SERVICE, INC. 1500 Airport Way S. Seattle, WA 98134 Contact: Larry Peterson 622-1090	Curing agent waste from selective uses of coment in the building and construction industry. Lignin has special curing qualities in certain cement applications.	Water 20%; Sodium Lignin Sulfonate (de-sugared) 80%; Non-ignitable, reactive corrosive, or acutely toxic; No halogenated hydrocarbons or polycylic aromatic hydrocarbons; trace amounts of heavy-metals.	Approx. 750 gallons	One-time only

Specifications on these waste materials were submitted to us for review. The above substances were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:rb

cc: Betty Weise

Hazardous Waste, Region X, EPA

John Conroy

Hazardous Waste, Northwest Office, DOE

Larry Kirchner

EHS Supervisor, Southeast Service Center

RECEIVED

Y 1 Amin Y 1 \		7 141		JUN 28 1982	DEPARTMENT	or Publ	IC HEALTH
TO:	Jack Palmer,	Acting Manager, Sea	attle Solid Waste Utili	ty SOLID WASTE UTILITY	(
FROM:	Wally Swoffo	rd, Coordinator, To	xic/Hazardous Materials	Program		_ DATE	6-25-82
SUBJECT:	WASTE MATERIA	AL CLEARED FOR LOCAL	. LANDFILL				
	advise you that and Kent-Highlan		naterial listed from th	ne following compan	ies currently a	ceptabl	e for landfill
COMPANY		MATERIAL	INCLUDES		AMOUNT		FREQUENCY
10610 Gold Tacoma, WA Contact:	en Given Rd. E. 98445 J.R. Bailey 537-4800						
Hauling fo		.	•	·			•
19411-	WALKER CORP. 80th Ave. S. WA 98031 t: Mack Young 872-8910	Sludge from the manufacture of - fine steel wire (Dept 04) and cleaning house "pickling" sludge (Dept 01).	Water; steel scale & hydroxide precipates ization of steel-rich lubricating soap resi Non-ignitable, reacti acutely toxic; Not litoxic or carcinogenic aromatic hydrocarbons ated hydrocarbons (HH Toxicity Analysis as	from the neutral- sulfuric acid; due; pH @ 8.5; ve, corrosive, or sted, persistent, ; No polycyclic (PAH) or halogen-); Heavy Metal EP follows (ppm):	Approx. 8000 gallons (0 90-95% water)		Dept 01 (Pickli Waste): One-Time Only Dept 04 (Fine Waste): Every 2-3 month
		•	As 0. Ba 0. Cd 0. Cr (Total) 4. Pb 3. Hg 0. Se 0.	t 01 Dept 04 ling) (Fine Wire) 00 0.00 00 0.00 00 0.00 60 0.00 00 0.33 00 0.00 00 0.00 00 0.00			
		•	NOTE: Verbally appro 5/13/82.	ved for disposal	•		

Memorandum - June 25, 1982 to: Jack Palmer From: Wally Swofford Page Two **INCLUDES AMOUNT** FREQUENCY MATERIAL COMPANY AMALGAMATED SERVICES INC. 21318-103rd Pl. S.E. Kent, WA 98031 Contact: Orv Berg 854-6643 Hauling for: Water-99.8%; Ashland Chemical 1500 gal. Approx. 1-2 times a. RIDGWAY PACKAGING CORP. Separated waste water "Solvent Blend" (glycol ether 0 from the printing 4111-156th Ave. N.E. per year. press "automatic 10% chlorinated hydrocarbon @ Redmond, WA 98052 blanket" wash. 10%, aromatic hydrocarbon 40% Contact: Bob & aliphatic hydrocarbon @ 40%) 881-6000 - 0.21%; pH 0 7.5 (est); Nonignitable, reactive, corrosive, or acutely toxic; Not listed, persistent, toxic, or carcinogenic; No significant PAH or HH; Heavy Metal EP Toxicity Analysis as follows (ppm): As < 0.2, Ba<0.5, Cd<0.02, total Cr 0.3, Pb < 0.2, Hg < 0.005, Se < 0.2. Ag < 0.1, Hex Cr 0.1 Water-90%(±); Solids (silt, INTERNATIONAL HARVESTER Catch basin & 500 gal. Approx. every 2-4 clarifier waste from sand, paper, gaskets, trace 13123-48th Ave. South months. of automotive grease & oil) -Seattle, WA 98188 the steam cleaning 10%(I); Non-ignitable, reacoperation. tive, corrosive or acutely toxic; Not listed, persistent, toxic, or carcinogenic; No significant PAH. HH. or heavy metals: No pesticides. ecifications on these waste materials were submitted to us for review. The above substances were found not to meet the State E definitions for either extremely hazardous or dangerous waste or Federal EPA criteria for hazardous waste. ease note that it is only the above described waste materials that are approved for disposal. Any other type of questionable ste from these companies will require separate review and analysis. you have any questions or need additional information, please call me at 625-2125.

Betty Weise, Hazardous Waste, Region X, EPA

Winte

DEPARTMENT OF PUBLIC HEALTH

•			1 . Marie	•	
ro:		ing Manager, Seattle Soli	d Waste Utility		
ROM:	Wally Swofford,	Coordinator, Toxic/Hazard	ous Materials Program	DATE	7-15-82
SUBJECT:_	WASTE MATERIAL C	LEARED FOR LOCAL LANDFILL	·		<i>₩</i> ,
	dvise you that we did Kent-Highlands:	find the waste material 1	isted from the following companies cu	rrently acceptable	e for landfill
COMPANY	•	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
	lve. South		•		
Hauling for	•	•		A 20	
		Combined carbonaceous bottom sediment (dry) from storage tanks No's 90 & 99	Iron scale, dirt, asphalt-like sediment; Non-ignitable, reactive, corrosive, or acutely toxic; Not listed, persistent, toxic, or carcinogenic; 4-5 & 6 ringed polycyclic aromatic hydrocarbons as follows: anthracene, 1, 2 benzanthracene, benzo(a) pyrene, fluoranthene, napthanlene, perylene, and pyrene each at less than 50 ppm; halogenated hydro-	Approx. 20 cubic yards	One-time only
			carbons <0.01%; heavy metal EP toxicity analysis as follows (ppm): As <0.5, Ba <0.5, Cd <0.02, Cr (total) < 0.1 , Pb <1.0, Hg < 0.001 , Se 0.5 , Ag < 0.07 .		

Note: Verbally approved for disposal 7/13/82, following consultation with John Conroy, NW Office DOE

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JUL 1 6 1982

SOLID WASTE UTILITY

Memorandum - July 15, 1982

· To: Jack Palmer

From: Wally Swofford

Page Two

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definitions for either extremely hazardous or dangerous waste or Federal EPA criteria for hazardous waste.

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WS:mg

cc: Betty Weise, Hazardous Waste, Region X, EPA
John Conroy, Hazardous Waste, Northwest Office, DOE
Larry Kirchner, EHS Supervisor, SE Office



RECEIVED JUN 28 1982 SEATTLE-KING COUNTY EPARTMENT OF PUBLIC HEALTH

Jack Palmer, Acting Manager, Seattle Solid Waste Utility SOLID WASTE UTILITY

Wally Swofford, Coordinator, Toxic/Hazardous Materials Program

DATE: 6-25-82

SUBJECT: WASTE MATERIAL CLEARED FOR LOCAL LANDFILL

This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:

COMPANY

FROM:_

MATERIAL

INCLUDES

AMOUNT

Approx. 8000

90-95% water)

gallons (0

FREQUENCY

BAILEY SEWER & SEPTIC CO. 10610 Golden Given Rd. E. Tacoma, WA 98445 Contact: J.R. Bailey

537-4800

Hauling for:

a. DAVIS WALKER CORP. 19411-80th Ave. S. Kent, WA 98031

Contact: Mack Young 872-8910 Sludge from the manufacture of - fine steel wire (Dept 04) and cleaning house "pickling" sludge

(Dept 01).

Water; steel scale & shavings; "metal hydroxide precipates from the neutral-ization of steel-rich sulfuric acid; lubricating soap residue; pH @ 8.5; Non-ignitable, reactive, corrosive, or

Non-ignitable, reactive, corrosive, or acutely toxic; Not listed, persistent, toxic or carcinogenic; No polycyclic

aromatic hydrocarbons (PAH) or halogenated hydrocarbons (HH); Heavy Metal EP Toxicity Analysis as follows (ppm):

•	Dept 01 (Pickling)	Dept 04 (Fine Wire)
As ·	0.00	0.00
Ba	0.00	0.00
Cd	0.00	0.00
Cr (Total)	4.60	0.00
Pb	3.00	0.33
Hg	`0.00	0.00
Se	0.00	0.00
Ag	0.00	0.00

NOTE: Verbally approved for disposal 5/13/82.

L. Dept O1 (Pickli
Waste):
One-Time Only

Dept 04 (Fine) Waste):

Every 2-3 month

MATERIAL

INCLUDES

AMOUNT

500 gal.

FREQUENCY

21318-103rd Pl. S.E. Kent. WA 98031

Contact: Orv Berg 854-6643

Hauling for:

RIDGWAY PACKAGING CORP. 4111-156th Ave. N.E. Redmond, WA 98052 Contact: Bob **B81-6000**

Separated waste water from the printing press "automatic blanket" wash.

1500 gal. Water-99.8%: Ashland Chemical "Solvent Blend" (glycol ether @ 10% chlorinated hydrocarbon @ 10%, aromatic hydrocarbon 40% & aliphatic hydrocarbon @ 40%) - 0.21%; pH 0 7.5 (est); Nonignitable, reactive, corrosive, or acutely toxic; Not listed. persistent, toxic, or carcinogenic; No significant PAH or HH; Heavy Metal EP Toxicity Analysis as follows (ppm): As < 0.2,

Ba<0.5. Cd<0.02, total Cr 0.3, Pb<0.2, Hg<0.005, Se<0.2,

per year.

Approx. 1-2 times

INTERNATIONAL HARVESTER 13123-48th Ave. South Seattle, WA 98188

Catch basin & clarifier waste from the steam cleaning operation.

Water-90%(1); Solids (silt. sand, papėr, gaskets, trace of automotive grease & oil) -10%(I); Non-ignitable, reactive, corrosive or acutely toxic; Not listed, persistent, toxic. or carcinogenic: No significant PAH, HH, or heavy metals; No pesticides.

Approx. every 2-4 months.

ifications on these waste materials were submitted to us for review. The above substances were found not to meet the State definitions for either extremely hazardous or dangerous waste or Federal EPA criteria for hazardous waste.

Ag<0.1, Hex Cr 0.1

se note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of questionable e from these companies will require separate review and analysis.

ou have any questions or need additional information, please call me at 625-2125.





SOLID WASTE UTILITY

TO:	Rich Owings	, Manager, Seattle So	lid Waste Utility		
FROM:	Wally Swof	ord, Coordinator, Tox	ic/Hazardous Materials Program	DA	TE: 7-15-83
SUBJECT:	WASTE MATER	RIAL CLEARED FOR LOCAL	LANDFILL		
This is to adv at Kent-Highla	ise you that nds:	we find the waste man	terial listed from the following company cur	rently acceptable	e for landfill
COMPANY		MATERIAL	INCLUDES	AMOUNT	FREQUENCY
SEATTLE STEAM 1319 Western A Seattle, WA 9 Contact: L.G. 623-0	lve. 8101 Fordyce	Boiler combustion deposits from the furnace and air heater sections.	Soot and boiler tube scale deposits; Not listed, persistent, toxic; or carcinogenic; Non-ignitable, reactive, corrosive, or acutely toxic; No significant heavy metals, PAH's (Furnace soot @ 0.02% and air heater @ 0.01%), or HH's.	Approx 6 cubic yds	Twice/year
Specifications State DOE defi	on these wa nitions for	ste materials were su either extremely haza	buitted to us for review. The <u>above substa</u> rdous or dangerous waste or Federal EPA cri	<u>nces</u> were found n teria for hazardo	not to meet the ous waste.
			waste materials that are approved for dispequire separate review and analysis.	osal. Any other	type of
If you have an	ny questions	or need additional in	formation, please call me at 587-2722.		
WS:mg			•		ස
John Conr	roy, Hazardou	is Waste, Region X, EP is Waste, Northwest Of ervisor, Southeast Off	fice, DOE ice RING	TIVEO v 1983	SEATTLE EKS. [

TC):		, Manager, Seattle Solid Was	te Utility		
FF	ROM	W.S. I: Wally Swofford		us Materials Program DATE: 12	/28/81	
SL	JBJE	ECT: WASTE MATERIAL	CLEARED FOR LOCAL LANDFILL			
Thi acc	s is epta	to advise you that w ble for landfill at M	e find the waste material li idway and Kent-Highlands:	sted from the following companies	currently	
		COMPANY	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
1.	213 Ken	LGAMATED SERVICES 18-103rd Pl. S.E. t, WA 98031 tact: Orv Berg				
	Hau	ling for	; ,			
	Α.	NATIONAL CAN CORP. 1220 N. Second St. Kent, WA 98031	40 cases (480 cans) waste insect repellant Note: Pressurized 6 oz. spray cans were punctured, releasing propellent gas prior to disposal. Each can contains approx. 150 ml. of insect repellent	n-diethyl-meta toluamide (17.10%)-other isomers (0.9%); di-methyl phthalate & butyl-3,4-dihydro-2,2 din-carboxylate (7%); inerts (75%); Non-ignitable, reactive, corrosive or acutely toxic; no heavy metals; no halogenated hydro- carbons (HH) or polycyclic aromatic hydrocarbons (PAH).	18 gallons total (140 lbs.)	One-time only
	В.	MOBILE CLEANING SYSTEMS 1415 Seneca S.W. Renton, WA 98055	Waste liquid from the cleaning of ventilation ducts in a Boeing Co. kitchen	cooking grease fats (10-20%); detergent (2-5%); water (75-88%); Non-ignitable, reactive, corrosive, or acutely toxic; no significant heavy metals, HH, or PAH	Approx. 500 gal.	One-time 0.: LE ENG. DEP 0.01 DEC 29 P 3: 2:
				ラー りょじ 3.0 1981		™

SOLIO WASTE MINIT

Memorandum - December 28, 1981

TO: Doyle Anderson FROM: Wally Swofford

Page Two

COMPANY

9	COMPANY	<u>_</u> .	MATERIAL	INCLUDES	AMOUNT	FREQUENCY
	C.	CAM INDUSTRIES, INC. 18250-68th St. South Kent, WA 98031 251-8310 Contact: Dale Pack	Floor sweepings that include dried paint residue from the paint booth "overspray." Only oil base type paints used in spray booths, no latex.	Dirt; sand; sweeping compound; dried paint- that is non-ignitable, reactive, corrosive, or acutely toxic. E.P. Toxicity analysis performed on the metals found in the paint pigments, as follows (ppm): As 0.0, Ba 0.0, Cd 0.2, Cr+6 0.3, total Cr 0.3, Pb 1.2, Hg 0.0, Se 0.0, and Ag 0.0; No HH or PAk.	Approx. 5 drums (2100 lbs)	Once or twice per year.
	715 Sea 763	RTHWEST COOPERAGE 52 First Ave. S. attle, WA 98108 3-2345 atact: Herman Trotsky	Rinsed barrel liners from the drum reclamation operation	20 mil plastic liners; residue (following rinsing) primarily of DMSO, Rid-Sol Detergent & other soaps-detergents, and Rodine-acid inhibitor; Non-ignitable, reactive, corrosive, or acutely toxic; No significant heavy meatals, HH or PAH.	Approx. 800-1500 1bs	Monthly

THELLIDES

AMOUNT

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definition for extremely hazardous waste or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of "questionable" waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weise, Hazardous Waste, Region X, EPA
John Conroy, Hazardous Waste, Northwest Office, DOE
Larry Kirchner, EHS Supervisor, Southeast Service Center

MATERIAL



10	vack ratilier,	Accing manager, Seacc	ie sulla masce utility					
FR	OM: Wally Swoffo	TO Coordinator, Toxic	/Hazardous Materials Program	DATE	4/30/82			
	BJECT: WASTE MATERI	AL CLEARED FOR LOCAL LA	ANDFILL					
	This is to advise you that we find the waste material listed from the following companies currently acceptable for landfill at Midway and Kent-Highlands:							
COM	PANY	MATERIAL	INCLUDES	AMOUNT	FREQUENCY			
1.	LIQUID WASTE DISPOSAL 7213 S. 196th Kent, WA 98031 Contact: Bill Snyder 284-2950	Unusable animal tallow from Puget Sound Rendering Co.	Small amount water, dirt, partially fermented animal fat; Non-ignitable, reactive, corrosive or acutely toxic; No significant heavy meatals, halogenated hydrocarbons (HH) or polycyclic aromatic hydrocarbons (PAH). NOTE: Approved 3/4/82	, , , , , , , , , , , , , , , , ,	One time only			
2.	SWIFT ADHESIVE CO. 18408 N.E. San Rafael Portland, OR Contact: Bill Smith 503-665-2143	Solidified bottle label glue from the Rainier Brewing Co.	Solidified starch-casein glue Urea-phenol constituent @ 0.5 ZnO @ 0.8%; Non-ignitable, reactive, corrosive, or acute toxic; No significant heavy metals, HH, or PAH. NOTE: Approved for disposal 2/9/82.	5%, (55 gallon)	One time only			

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MAY 0 3 1982
SOLID WASTE UTILITY

Memorandum - April 30, 1982

To: Jack Palmer

From: Wally Swofford

Page Two

MATERIAL AMOUNT COMPANY INCLUDES **FREQUENCY** 3. POWERMASTER 3706 Airport Wy S Seattle, WA 98134 (P.O. Box 3913 Seattle, WA 98124) Contact: Scott Cooper Hauling for: Water (30%); silt-sand (69%); + 2500 gal Once p/month A. Brown Bear Car Wash Car wash sump waste Detergent - made up of phos-T13 cu vds) Chain phates, carbonates, silicate and neutralized fatty acids from Nar Chemical < 1%; Traces of road tar and oils; Not listed, persistent, toxic, or carcinogenic; Non-ignitable, reactive, corrosive or acutely toxic; No significant heavy metals, HH, or PAH's. NOTE: Approved for disposal 4/20/82. B. Foss-Alaska Lines, Inc. Asphalt/sawdust Approximately 50% sawdust/dirt One-two loads Approx. 6700 W. Marginal Wy SW debris from yard and 50% asphalt pieces; 16 cu yds only Unlisted/undesignated solid Seattle, WA waste. NOTE: Approved for disposal

4/22/82.

Memorandum - April 30, 1982

To: Jack Palmer

From: Wally Swofford

Page Three

COMPANY MATERIAL **INCLUDES AMOUNT FREQUENCY** 4. NORTHWEST TANK SERVICE Waste sludge from Water: detergent residue, 5,000 gallons Every 2 weeks 1500 Airport Way S. pre-treatment sand, rocks, rust, scale, Seattle, WA 98134 bolts, rags, paper, wood, **Sump** oily residues; Not listed. Contact: Larry Peterson 622-1090 persistent-(e.g.<1.0% polycyclic aromatic hydrocarbons & 0.4% halogenated hydrocarbons), toxic*, or carcinogenic; Non-ignitable. reactive, corrosive, or acutely toxic; EP Toxicity as follows (mq/1) -As < 0.01, Ba < 1.0, Cd < 0.10, total Cr < 0.05, Pb < 1.0, Hq < 0.02, Se < 0.01, and Aq < 0.10.*NOTE: Based on the current test information, NW Tank Service considers the waste material to be non-toxic. However, to strengthen this determination, NWTS is planning to have a fish toxicity analysis performed on the waste material later this year.

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definitions for either extremely hazardous or dangerous wastes or Federal EPA criteria for hazardous waste.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of questionable waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 625-2125.

WS:mg

cc: Betty Weise, Hazardous Waste, Region X, EPA



SI

TO: Rie	hard Owings, Manager, Seattle Sol	anager, Seattle Solid Waste Utility		<u> </u>
FROM: Wa	lly Swofford, Coordinator, Toxic/F	lazardous Materials Program	DATEL	9-14-83
SUBJECT: WA	STE MATERIAL CLEARED FOR LOCAL LAN	IDFILL	-	V
This is to advis at Kent-Highland	•	rial listed from the following companies currently	y acceptable	for landfill
COMPANY	<u>MATERIAL</u>	INCLUDES	AMOUNT	FREQUENCY
SEATTLE DEPARTME ADMINISTRATIVE S Charles Street S 805 South Charle	RVICES from the Charles Street Shop buildings	filings (iron-steel), and residues of motor oil and lubricating grease; and 70% water-detergent residue. Non-ignitable, reactive.	Approx. 2200 gallons	One-time onl
Seattle, WA Contact: Gordy C 625-296	ndy ·	corrosive, or acutely toxic; Not listed, persistent, toxic, or carcinogenic; No significant heavy metals, PAH's (@ 0.6% via 3rd step silica-gel chromatography	111	•

Specifications on these waste materials were submitted to us for review. The <u>above substances</u> were found not to meet the State DOE definitions for either extremely hazardous or dangerous waste or Federal EPA criteria for hazardous waste.

determination) or HH's.

Please note that it is <u>only</u> the above described waste materials that are approved for disposal. Any other type of questionable waste from these companies will require separate review and analysis.

If you have any questions or need additional information, please call me at 587-2722.

WS:mt

cc: Betty Weise, Hazardous Waste, Region X, EPA
John Conroy, Hazardous Waste, Northwest Office, DOE
Greg Bishop, EHS Supervisor, Southeast Office